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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
PEUCHERT, Ulrich : Group Art Unit.: 1755  
Serial No.: 10/024,498 : Examiner: BOLDEN, Elizabeth A.  
Filed: December 21, 2001 :  
Title: ALKALI-FREE ALUMINOBOROSILICATE GLASSES AND USES THEREOF

**REPLY**

Assistant Commissioner for Patents  
Washington, D.C. 20231

SIR:

In response to the Office Action mailed on April 18, 2003, please amend the claims as follows and consider the remarks.

**In the Claims**

Please amend the claims as follows:

1. (Currently Amended) An alkali-free aluminoborosilicate glass consisting essentially of by weight % based on oxide,

SiO <sub>2</sub>	> 58 – 65,
B <sub>2</sub> O <sub>3</sub>	> 6 – 11.5,
Al <sub>2</sub> O <sub>3</sub>	> 14 – 20,
MgO	> 3 – 6,
CaO	> 4.5 – 10,
SrO	0 – 1.5,
BaO	> 1.5 – 6,
with SrO + BaO	> 3, and
ZnO	0 – < 2,

(B1)  
and essentially no alkali oxides.

2. (Currently Amended) An alkali-free aluminoborosilicate glass consisting essentially of by weight % based on oxide,